

Docket No.

RU-0075

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**LINKING GENE SEQUENCE TO GENE FUNCTION BY THREE DIMENSIONAL (3D)  
PROTEIN STRUCTURE DETERMINATION**

the specification of which

(check one)

is attached hereto.

was filed on October 29, 1998 as United States Application No. or PCT International Application Number 09/181,601  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

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**60/063,679**

**October 29, 1997**

(Application Serial No.)

(Filing Date)

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(Application Serial No.)

(Filing Date)

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(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

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(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

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(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

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(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Jane Massey Licata, Reg. No. 32,257

Kathleen A. Tyrrell, Reg. No. 38,350

Laura Plunkett, Reg. No. 45,015

of the firm

**Law Offices of Jane Massey Licata**  
66 E. Main Street  
Marlton, NJ 08053

Send Correspondence to: **Jane Massey Licata**  
**Law Offices of Jane Massey Licata**  
66 E. Main Street  
Marlton, NJ 08053

Direct Telephone Calls to: (*name and telephone number*)  
**Jane Massey Licata Tel: 856-810-1515**

Full name of sole or first inventor <b>Stephen Anderson</b>	Date <i>15 Feb. '02</i>
Sole or first inventor's signature <i>Stephen Anderson</i>	
Residence <b>Princeton, NJ</b>	
Citizenship <b>US</b>	
Post Office Address <b>158 Springdale Road</b>	
<b>Princeton, NJ 08540</b>	

Full name of second inventor, if any <b>Gaetano Montelione</b>	Date <i>18 Feb 00</i>
Second inventor's signature <i>Gat Montelione</i>	
Residence <b>Highland Park, NJ</b>	
Citizenship <b>US</b>	
Post Office Address <b>127 North 5th Avenue</b>	
<b>Highland Park, NJ 08904</b>	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#11  
B. Webb  
7/18/00

Attorney Docket No.: RU-0075  
Inventors: Anderson et al.  
Serial No.: 09/181,601  
Filing Date: October 29, 1998  
Examiner: J. Fredman  
Group Art Unit: 1655  
Title: LINKING GENE SEQUENCE TO GENE  
FUNCTION BY THREE DIMENSIONAL  
(3D) PROTEIN STRUCTURE  
DETERMINATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**POWER OF ATTORNEY WITH REVOCATION**

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignee of the entire interest in the above-identified application, hereby appoints **Jane Massey Licata**, Registration No. 32,257, **Kathleen A. Tyrrell**, Registration No. 38,350, and, **Laura Plunkett**, Registration No. 45,015, of **Marlton, New Jersey**, as attorney, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Send all future correspondence and address all telephone calls to:

**JANE MASSEY LICATA, ESQ.**  
Law Offices of Jane Massey Licata  
66 E. Main Street  
Marlton, New Jersey 08053  
(856) 810-1515

Respectfully submitted,  
Rutgers, the State University of New Jersey

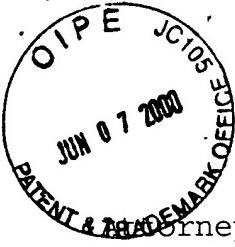
Date: 1/4/00

By: William T. Adams



Name: William T. Adams

Title: Director, Office of Corporate Liaison  
and Technology Transfer



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: RU-0075  
Inventors: Anderson et al.  
Serial No.: 09/181,601  
Filing Date: October 29, 1998  
Examiner: J. Fredman  
Group Art Unit: 1655  
Title: LINKING GENE SEQUENCE TO GENE  
FUNCTION BY THREE DIMENSIONAL  
(3D) STRUCTURE DETERMINATION

CERTIFICATE UNDER 37 CFR 3.73(b)

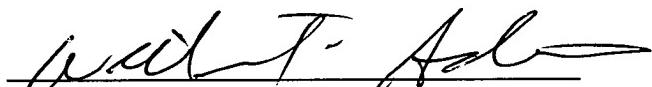
Rutgers, the State University of New Jersey, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office on May 28, 1999 at Reel 010056, Frame 0718 for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own belief are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the

like so made are punishable by fine or imprisonment or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Signature

1/4/00

Date

William T. Adams  
Typed or printed name

Director, Office of Corporate Liaison and Technology Transfer  
Title



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 31, 1999

PTAS

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DOCKET DEPT.

REF - 3 1999



\*101082942A\*

HOWREY & SIMON  
JEFFREY I. AUERBACH  
BOX NO. 34  
1299 PENNSYLVANIA AVE. N.W.  
WASHINGTON D.C. 20004-2402

HOWREY & SIMON

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/28/1999

REEL/FRAME: 010056/0718  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

ANDERSON, STEPHEN

DOC DATE: 04/13/1999

ASSIGNEE:

MONTELIONE, GAETANO

DOC DATE: 04/13/1999

ASSIGNEE:

RUTGERS, THE STATE UNIVERSITY OF  
NEW JERSEY  
58 BEVIER ROAD  
PISCATAWAY, NEW JERSEY 08855

SERIAL NUMBER: 09181601

FILING DATE: 10/29/1998  
ISSUE DATE:

PATENT NUMBER:

HOWREY & SIMON

SEP 8 1999

RECEIVED

DOCKETED adc 9.8.99

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: **Stephen Anderson and Gaetano Montelione** the undersigned hereby sell and assign to **Rutgers, The State University of New Jersey** (the Assignee) his entire right, title and interest

*check applicable box(es)*  for the United States of America (as defined in 35 U.S.C. § 100),  
 and throughout the world,

in the invention(s) known as **LINKING GENE SEQUENCE TO GENE FUNCTION BY THREE DIMENSIONAL (3D) PROTEIN STRUCTURE DETERMINATION** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on \_\_\_\_\_ and \_\_\_\_\_ (also known as United States Application No. 09/181,601, filed **October 29, 1998**), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s)

Jeffrey I. Auerbach, Reg. No. 32,680  
Melvin L. Barnes, Jr. Reg. No. 38,375  
Michael J. Bell, Reg. No. 39,604  
Mark R. Buscher, Reg. No. 35,006  
Celine T. Callahan, Reg. No. 34,301  
Cono A. Carrano, Reg. No. 39,623  
James F. Davis, Reg. No. 21,072  
Thomas M. Dunham, Reg. No. 39,965  
Joel M. Freed, Reg. No. 25,101  
Vernon Randall Gard, Reg. No. 33,886  
Alan M. Grimaldi, Reg. No. 26,599  
Alexander J. Hadjis, Reg. No. 36,540  
Albert P. Halluin, Reg. No. 25,227

Leslie L. Jacobs, Jr., Reg. No. 40,659  
Richard H. Kjeldgaard, Reg. No. 30,186  
Joseph P. Lavelle, Reg. No. 31,036  
David R. Marsh, Reg. No. 41,408  
Joseph A. Micallef, Reg. No. 39,772  
Karen L. Nicastro, Reg. No. 35,968  
Bradley J. Olson, Reg. No. 40,750  
Andrew Y. Piatnicia, Reg. No. 40,772  
Andrea G. Reister, Reg. No. 36,253  
Stephen J. Rosenman, Reg. No. 29,209  
Timothy L. Scott, Reg. No. 37,931  
Anthony W. Shaw, Reg. No. 30,104  
J. David Smith, Reg. No. 39,839  
Michael J. Songer, Reg. No. 39,841

of HOWREY & SIMON, BOX NO. 34, 1299 PENNSYLVANIA Avenue, NW, Washington, D.C. 20004-2402, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: 13 April '99 Signature of Inventor: Stephen And...  
Date: April 13, 1999 Signature of Inventor: Gaetano Montelione